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TECHNOLOGY CENTER R3700

Amendments to the Specification

IN THE WRITTEN DESCRIPTION

Please replace paragraph [0030] with the following amended paragraph:

A₁ [0030] A cylindrical disk 14 is provided immediately after the last disk 12 of the rolling tool 11. The diameter of the disk 14 is less than the diameter of the largest rolling disk 12 which completes the forming of the fin 3. The thickness D of the cylindrical disk 14 is slightly greater than the width B of the primary groove 4 formed by the rolling disks 12, the width B of the primary groove 4 being measured at the point where the fin flank 5 transfers over into the radius area of the root of the fin 13. The thickness D of the cylindrical disk is typically 50% to 80% of the fin pitch T. The cylindrical disk 14 removes material from the fin flanks 5 and effects a movement thereof toward the base 6 of the primary groove 4. The removed material is shifted by suitably selecting the tool geometry in such a manner that it forms projections 15 (Figure 3) above the base 6 of the primary groove 4 and thus a radially open closed off cavity 7 is formed directly at the base 6 of the primary groove 4. This cavity 7 extends in circumferential direction and has a predominately uniform cross section. The cavity 7 defines the heretofore mentioned re-entrant secondary groove of the invention.

Please replace paragraph [0039] with the following amended paragraph:

A₂ [0039] The re-entrant secondary grooves 7 of the invention at the base 6 of the primary grooves 4 extend from the base 6 of the groove toward the fin tip. The cavities 7 ~~expand~~ have a height that is at a maximum to 45% of the fin height H, typically to 20% of the fin height H.